

**Amendments to the Drawings:**

The attached sheet of drawings includes changes to Fig. 6. This sheet, which includes Fig. 6, replaces the original sheet including Fig. 6. In Figure 6, the Swedish text has been replaced by English text.

Attachment: Replacement Sheet  
Annotated Sheet Showing Changes

## **REMARKS**

In the Office Action issued on August 10, 2005, claims 1-3 and 11-13 were rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 5,566,295 to Cypher et al. (Cypher). Claims 4, 6, and 8-10 were rejected under 35 U.S.C. §103(a) as being unpatentable over Cypher in view of U.S. Patent No. 4,868,755 to McNulty et al. (McNulty). Claims 5 and 7 were rejected under 35 U.S.C. §103(a) as being unpatentable over Cypher in view of McNulty and further in view of U.S. Patent No. 4,930,084 to Hosaka et al. (Hosaka). Claims 1-13 were rejected under 35 U.S.C. §101 as being directed to non-statutory subject matter. Claims 1-13 were rejected under 35 U.S.C. §112, ¶2, as being indefinite. Claims 3, 11, and 12 were rejected under the judicially created doctrine of double patenting as being unpatentable over claims 8, 12, and 9 of U.S. Patent No. 6,772,055. The abstract of the disclosure was objected to. The drawings were objected to.

Claims 1-13 are now pending in this application. Claim 1 was amended to correct issues under 35 U.S.C. §101 and 35 U.S.C. §112, ¶2. Claim 11 was amended to correct a typographical error. The abstract was amended. Drawing Fig. 6 was amended.

The Applicant respectfully submits that claims 3, 11, and 12 of the present invention are patentably distinct from claims 8, 12, and 9, respectively, of U.S. Patent No. 6,772,055, and from claims 6, 2, and 8, respectively, of U.S. Patent Application No. 10/169,382. In particular, neither U.S. Patent No. 6,772,055 nor U.S. Patent Application No. 10/169,382 claims a decision support window which comprises at least one area which represents one of said states, wherein this area comprises names which identify different rules which form part of the state, and allowing the user to make decisions by, via said second means, inputting instructions which mean that one or more conclusions which form part of a certain rule, the name of which is currently shown in said

area in the decision support window, shall be executed.

Thus, Applicant respectfully requests that the double patenting and provisional double patenting rejections be withdrawn.

The Applicant respectfully submits that the present invention according to claims 1-3 and 11-13 is not anticipated by Cypher. Cypher discloses an extensible simulation system and graphical programming method that enables a simulation user to program the behaviors of objects in a simulation while requiring no knowledge of computer programming concepts or languages. In particular, Cypher, in Fig. 8, and col. 9, lines 66-67 and col. 20, lines 1-5, discloses a method by which a user's actions in operating a program are recorded to form a generalized computer program step sequence. Thus, Cypher discloses a way to write a computer program without typing in program statements, but rather, by simply performing the desired steps and recording those steps to form the program. By contrast, the present invention, according to claim 1, requires running said device in a real or simulated version of said apparatus, tangible system, machine, or user thereof such that the apparatus, tangible system, machine, or user thereof goes through a behavior or a behavior scenario, presenting a decision support window to a user and allowing the user to make decisions by inputting instructions which mean that one or more conclusions which form part of a certain rule, the name of which is currently shown in said area in the decision support window, shall be executed. Cypher does not disclose or suggest allowing the user to provide input to a behavior that is running, in order to determine which conclusions that form part of a rule of the behavior will be executed.

Further, Cypher discloses determining if a simulation context has been adjusted, but this is not what is required by the present invention. For example, claim 1 recites determining or modifying the rules for which the user has made decisions concerning that one or more

conclusions shall be executed out in accordance with the analysis that has been carried out. As described above, Cypher does not disclose or suggest allowing the user to provide input to a behavior that is running, in order to determine which conclusions that form part of a rule of the behavior will be executed. Further though, Cypher does not disclose or suggest modifying the rules themselves based on the user provided input that determined which conclusions would be executed.

Therefore, the present invention according to claim 1, and according to claims 2-3 and 11-13 which depend therefrom, is not anticipated by Cypher.

The Applicant respectfully submits that the present invention according to claims 4, 6, and 8-10 is not unpatentable over Cypher in view of McNulty because even if Cypher and McNulty were combined as suggested by the Examiner, the result would not be the present invention as claimed. McNulty discloses an automatic control system for an aircraft that has a first controller connected to the pilot's operating controls. The first controller manipulates the operating controls so that goals, expressed in terms of selected aircraft parameters, are achieved. A second controller supplies a series of goals to the first controller so that the aircraft will perform desired maneuvers. A third controller acts as a mission planner, and supplies desired maneuvers to the second controller in accordance with overall mission plans. McNulty does not disclose or suggest running said device in a real or simulated version of said apparatus, tangible system, machine, or user thereof such that the apparatus, tangible system, machine, or user thereof goes through a behavior or a behavior scenario, presenting a decision support window to a user and allowing the user to make decisions by inputting instructions which mean that one or more conclusions which form part of a certain rule, the name of which is currently shown in said area in the decision support window, shall be executed, or determining or modifying the rules for

which the user has made decisions concerning that one or more conclusions shall be executed out in accordance with the analysis that has been carried out.

Thus, the combination of Cypher and McNulty still fails to disclose or suggest these required elements of the present invention. Therefore, the present invention, according to claims 4, 6, and 8-10 is not unpatentable over Cypher in view of McNulty.

The Applicant respectfully submits that the present invention according to claims 5 and 7 is not unpatentable over Cypher in view of McNulty and further in view of Hosaka because even if Cypher, McNulty, and Hosaka were combined as suggested by the Examiner, the result would not be the present invention as claimed. Hosaka discloses a vehicle control system embodied as an autocruise control. Fuzzy Logic is introduced in the system such that an expert driver's operation or judgment made on a non-automated vehicle is able to be incorporated in the system as fuzzy production rules. In the system, the control is effected in accordance with the rules which can be expressed linguistically in a simple manner and has a predictive nature therein. Operating condition of the vehicle is detected through parameters such as a vehicle speed, a vehicle acceleration and a change of vehicle acceleration which are then assigned on a scale named universe of discourse. The satisfaction degree is evaluated so that one rule is selected. A control value is determined from the selected rule which is output to an actuator to be controlled. Hosaka does not disclose or suggest running said device in a real or simulated version of said apparatus, tangible system, machine, or user thereof such that the apparatus, tangible system, machine, or user thereof goes through a behavior or a behavior scenario, presenting a decision support window to a user and allowing the user to make decisions by inputting instructions which mean that one or more conclusions which form part of a certain rule, the name of which is currently shown in said area in the decision support window, shall be executed, or determining or

modifying the rules for which the user has made decisions concerning that one or more conclusions shall be executed out in accordance with the analysis that has been carried out.

Thus, the combination of Cypher, McNulty, and Hosaka still fails to disclose or suggest these required elements of the present invention. Therefore, the present invention, according to claims 5 and 7 is not unpatentable over Cypher in view of McNulty and further in view of Hosaka.

In view of the above, it is respectfully submitted that the present invention is allowable over the references relied upon in the Office Action. Accordingly, favorable reconsideration of this case and early issuance of the Notice of Allowance are respectfully requested.

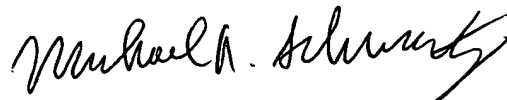
**Additional Fees:**

The Commissioner is hereby authorized to charge any insufficient fees or credit any overpayment associated with this application to Deposit Account No. 19-5127 (25880.0019).

**Conclusion**

In view of the foregoing, all of the Examiner's rejections to the claims are believed to be overcome. The Applicants respectfully request reconsideration and issuance of a Notice of Allowance for all the claims remaining in the application. Should the Examiner feel further communication would facilitate prosecution, he is urged to call the undersigned at the phone number provided below.

Date: November 14, 2005



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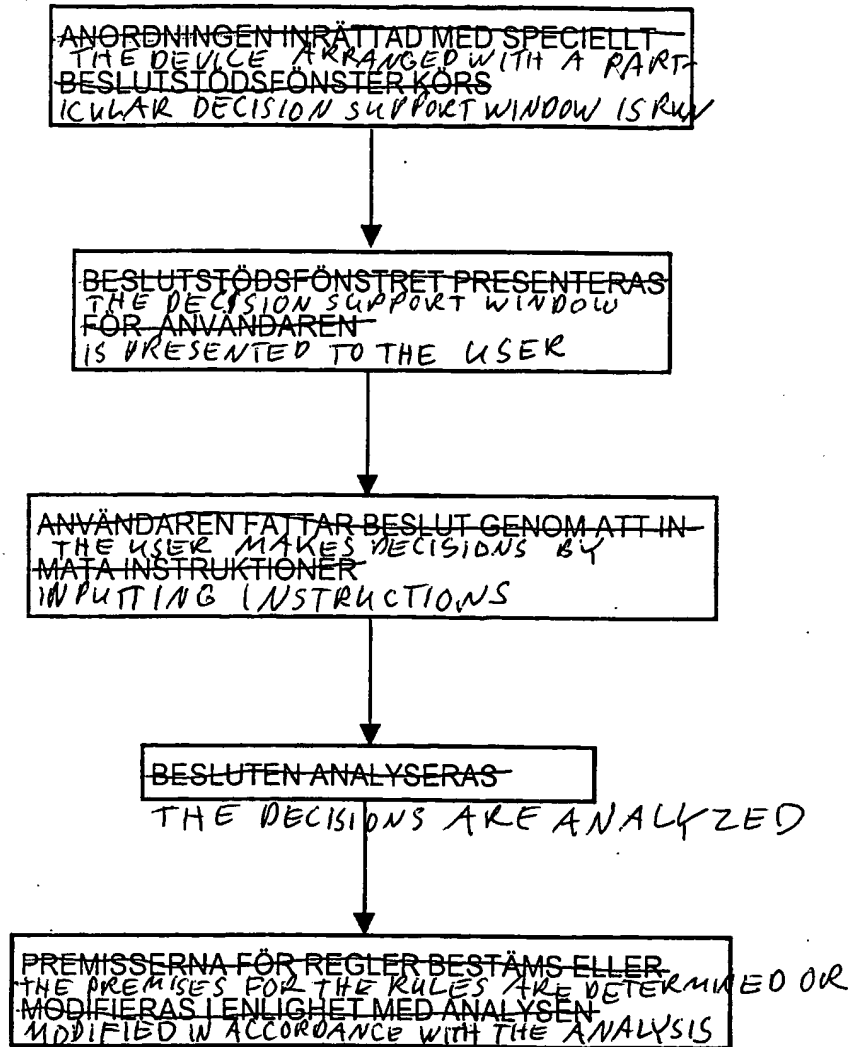


FIG 6